



Fig. 1 Recording side apparatus 10

Recording side information file creating means
Contents list information file creating means
Recording position information file creating means

Recording side information file creating means
Contents list information file
Data file
Write file selecting means
Information extracting means
Parameter information
Recording position information file
Contents list information file
File recording means
Record medium 15
Record position information file
Data storage means
Internal storage means
Write file management means
Data file
Record position information file
Data file

The diagram illustrates the architecture of Recording side apparatus 10. It consists of several functional blocks connected by arrows indicating data flow. The process starts with a 'Data file' (31) which feeds into a 'Write file selecting means' (32). This is followed by an 'Information extracting means' (33), a 'Parameter information' block (34), and a 'Recording position information file' (18). The 'Recording position information file' (18) provides feedback to the 'Parameter information' block (34) and the 'File recording means' (14). The 'File recording means' (14) is connected to a 'Record medium 15'. A 'Record position information file' (17) is also connected to the 'Record medium 15'. The 'Record medium 15' is linked to an 'Internal storage means' (12) and a 'Data storage means' (13). The 'Internal storage means' (12) is connected to a 'Contents list information file' (16) and a 'Data file' (13). The 'Data file' (13) is connected to a 'Record position information file' (17). Finally, the 'Record position information file' (17) is connected back to the 'File recording means' (14).

Fig. 2

File beginning 16 Contents list information file

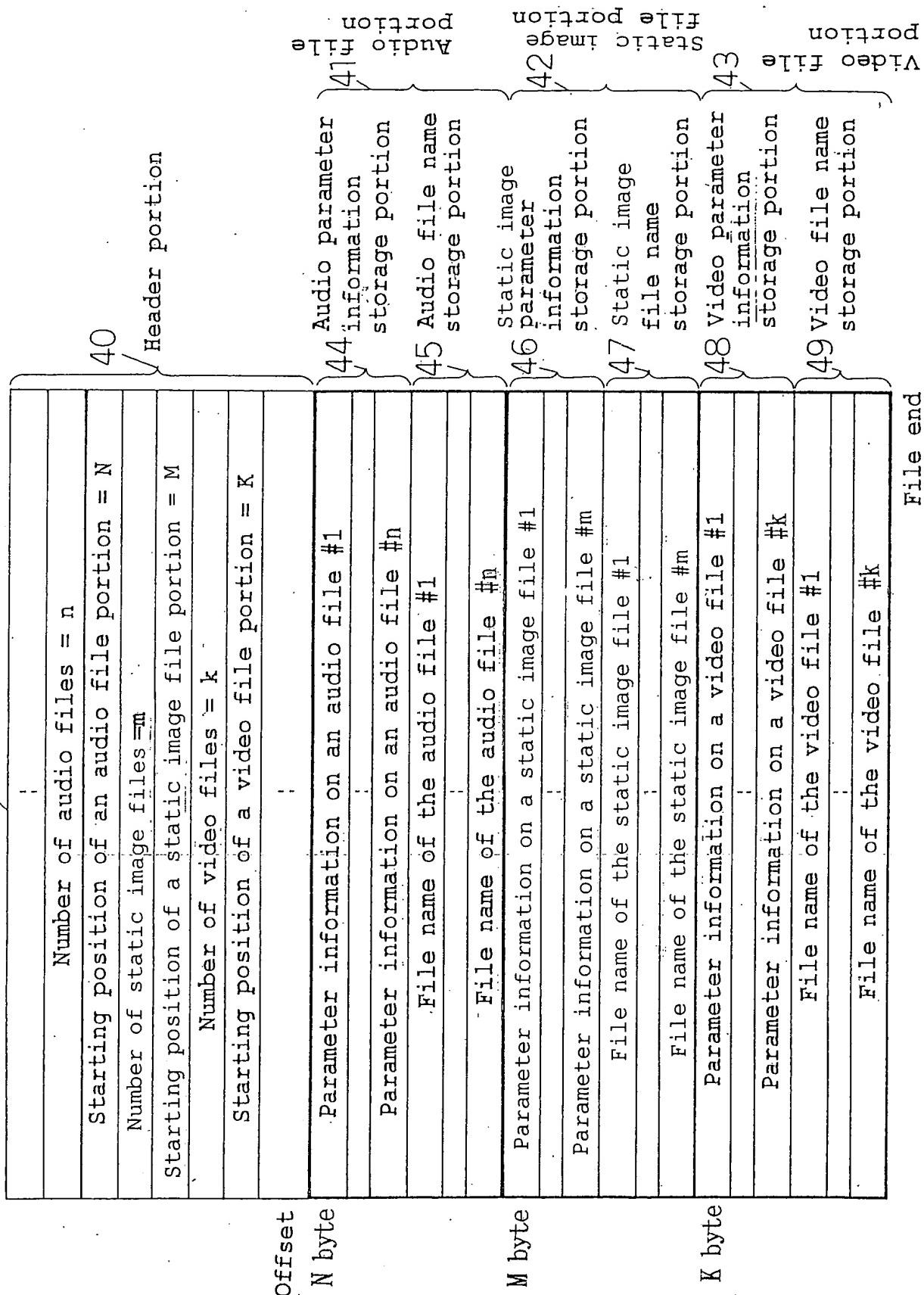


Fig. 3

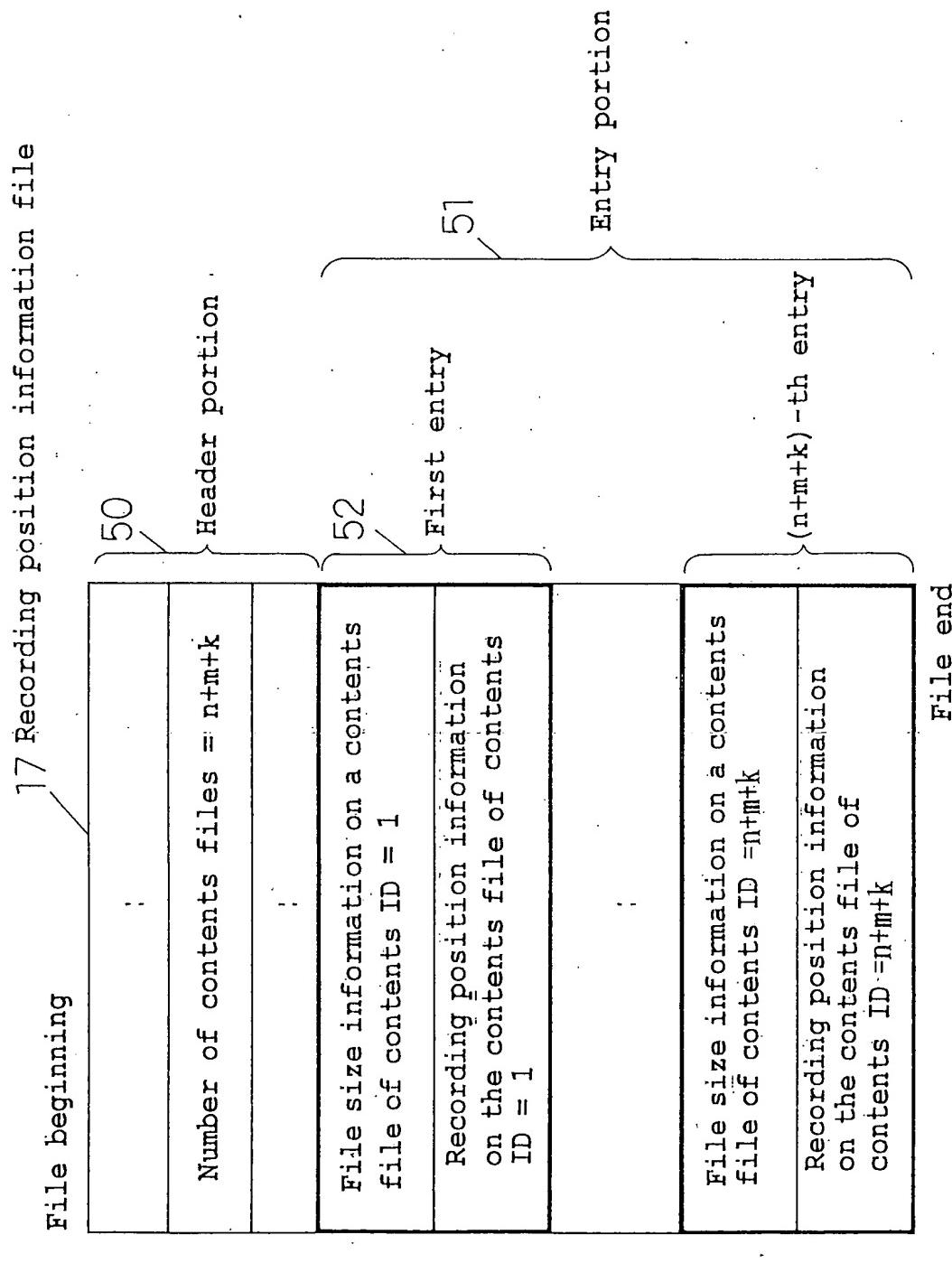


Fig. 4

Contents ID	File size	Recording position
1	123456	1000h
3	3456789	2000h
8	567890	3000h

Fig. 5 Recording side

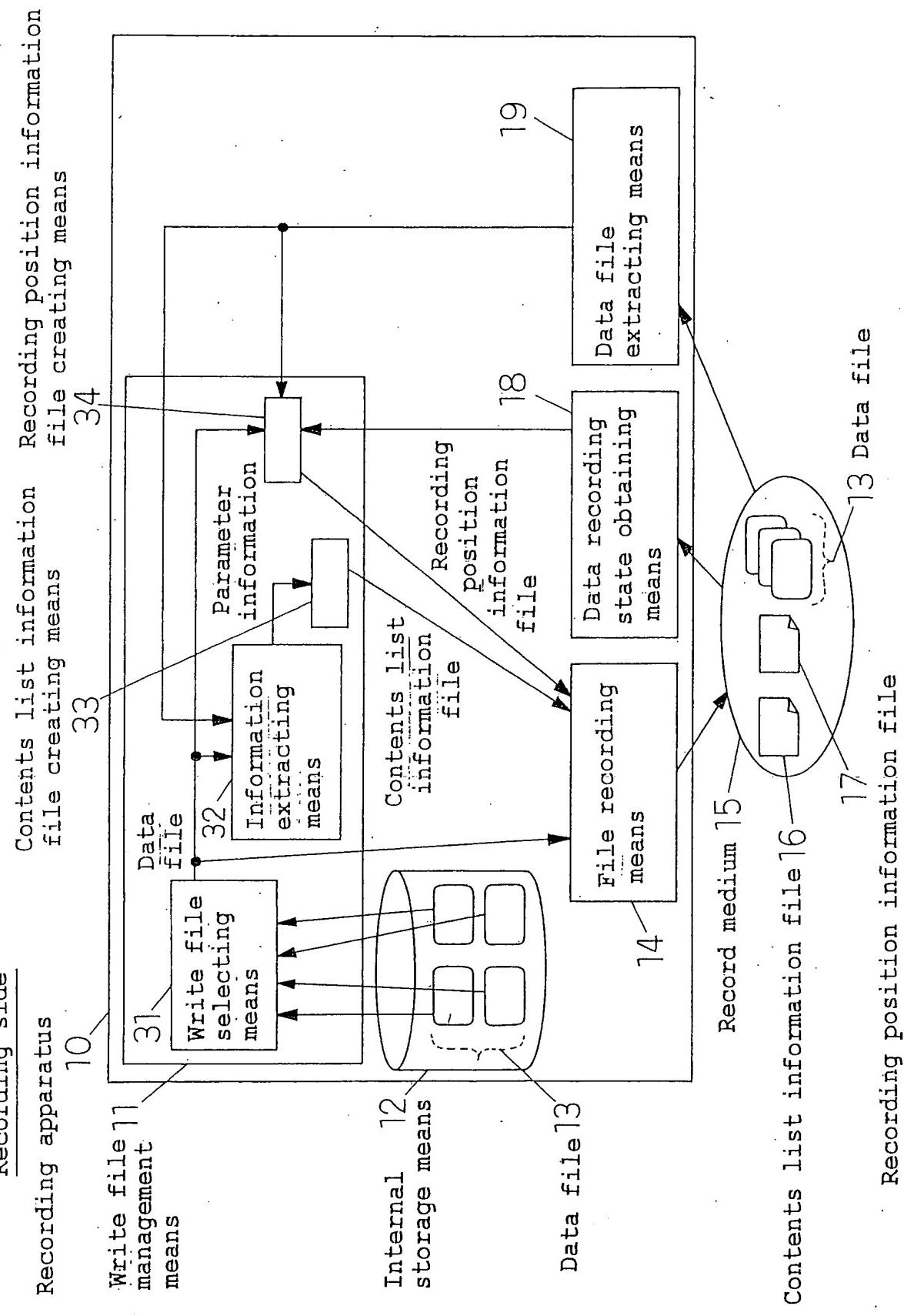


Fig. 6 (a)

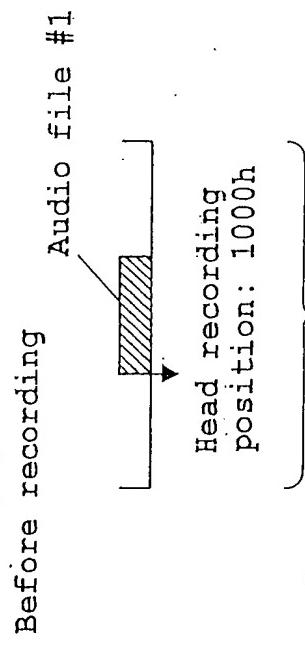


Fig. 6 (b)

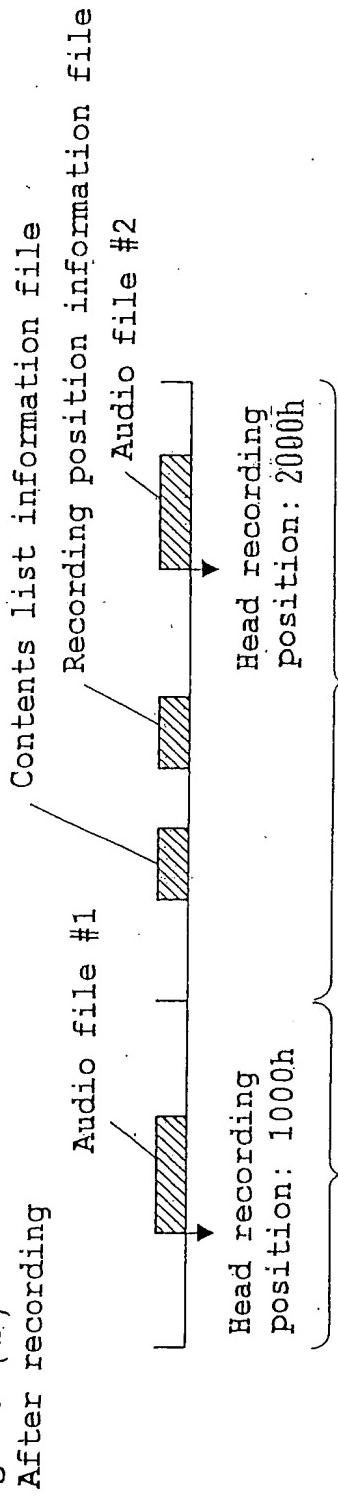


Fig. 6 (c)

Audio file portion of the contents list information file

Parameter information on the audio file #1	File size of the audio file #1
Parameter information on the audio file #2	Recording position of the audio file #1 = 1000h
File name of the audio file #1	File size of the audio file #2
File name of the audio file #2	Recording position of the audio file #2 = 2000h

Fig. 6 (d)

Entry portion of the recording position information file

Recording Position information file	File size of the audio file #1
File size of the audio file #1	Recording position of the audio file #1 = 1000h
File name of the audio file #2	File size of the audio file #2
File name of the audio file #2	Recording position of the audio file #2 = 2000h

File beginning

16 Contents list information file

Fig. 7

	Generation management information = 4591h	40
	Number of the audio files = n	
	Starting position of the audio file portion = N	
	Number of the static image files = m	Header portion
	Starting position of the static image file portion = M	
	Number of the video files = k	
	Starting position of the video file portion = K	
Offset N byte	Parameter information on the audio file #1	41
	Parameter information on the audio file #n	41
M byte	File name of the audio file #1	42
	File name of the audio file #n	42
K byte	Parameter information on the static image file #1	43
	File name of the static image file #1	43
	File name of the static image file #m	43
	Parameter information on the video file #1	44
	File name of the video file #1	44
	File name of the video file #k	44
	Parameter information on the video file #k	45
	File name of the video file #1	45
	File name of the video file #k	45
	Parameter information on the static image file portion	46
	File name of the static image file portion	46
	Parameter information on the video file portion	47
	File name of the video file portion	47
	Parameter information on the static image file storage portion	48
	File name of the static image file storage portion	48
	Parameter information on the video file storage portion	49
	File name of the video file storage portion	49
	File end	

Fig. 8

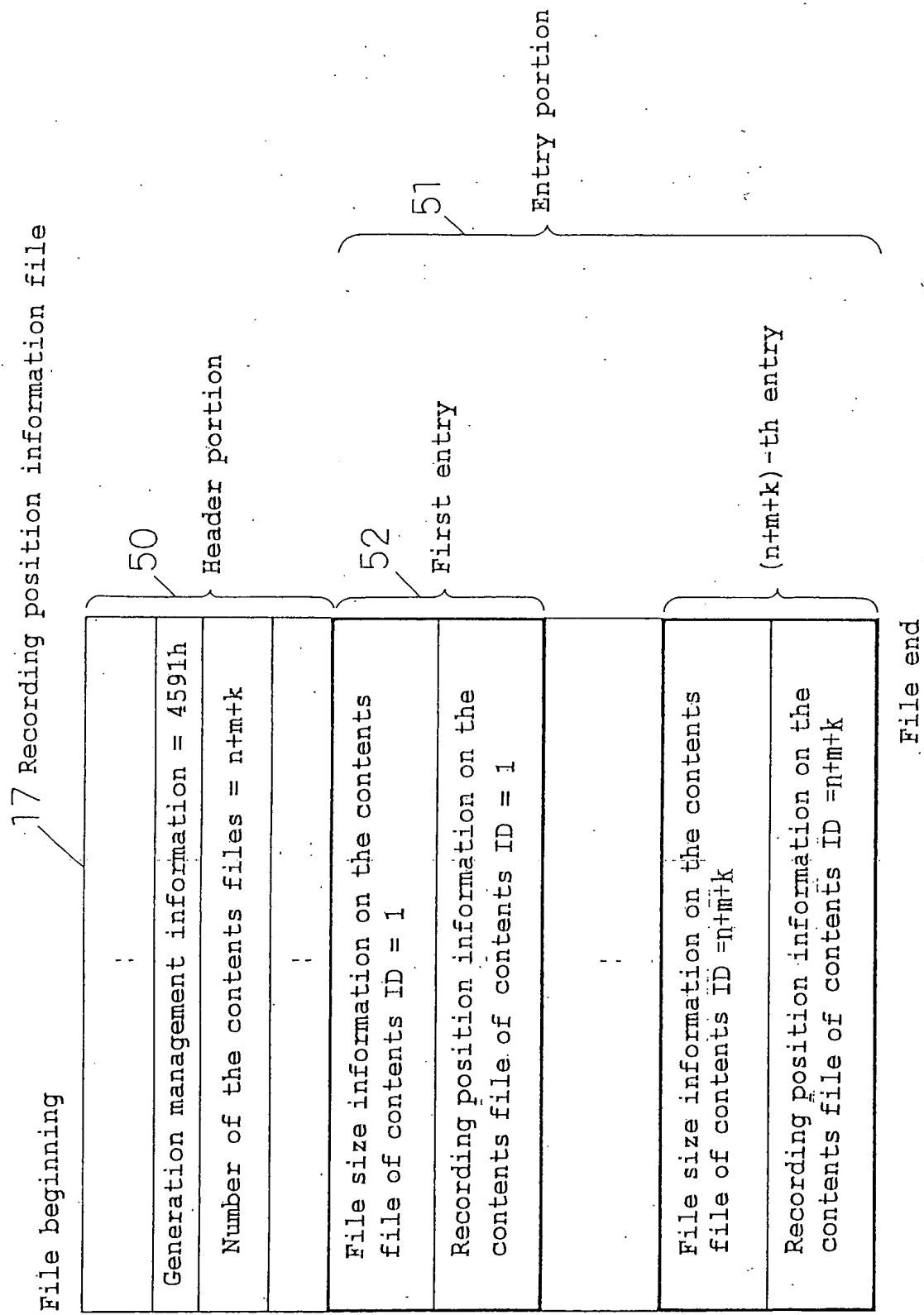
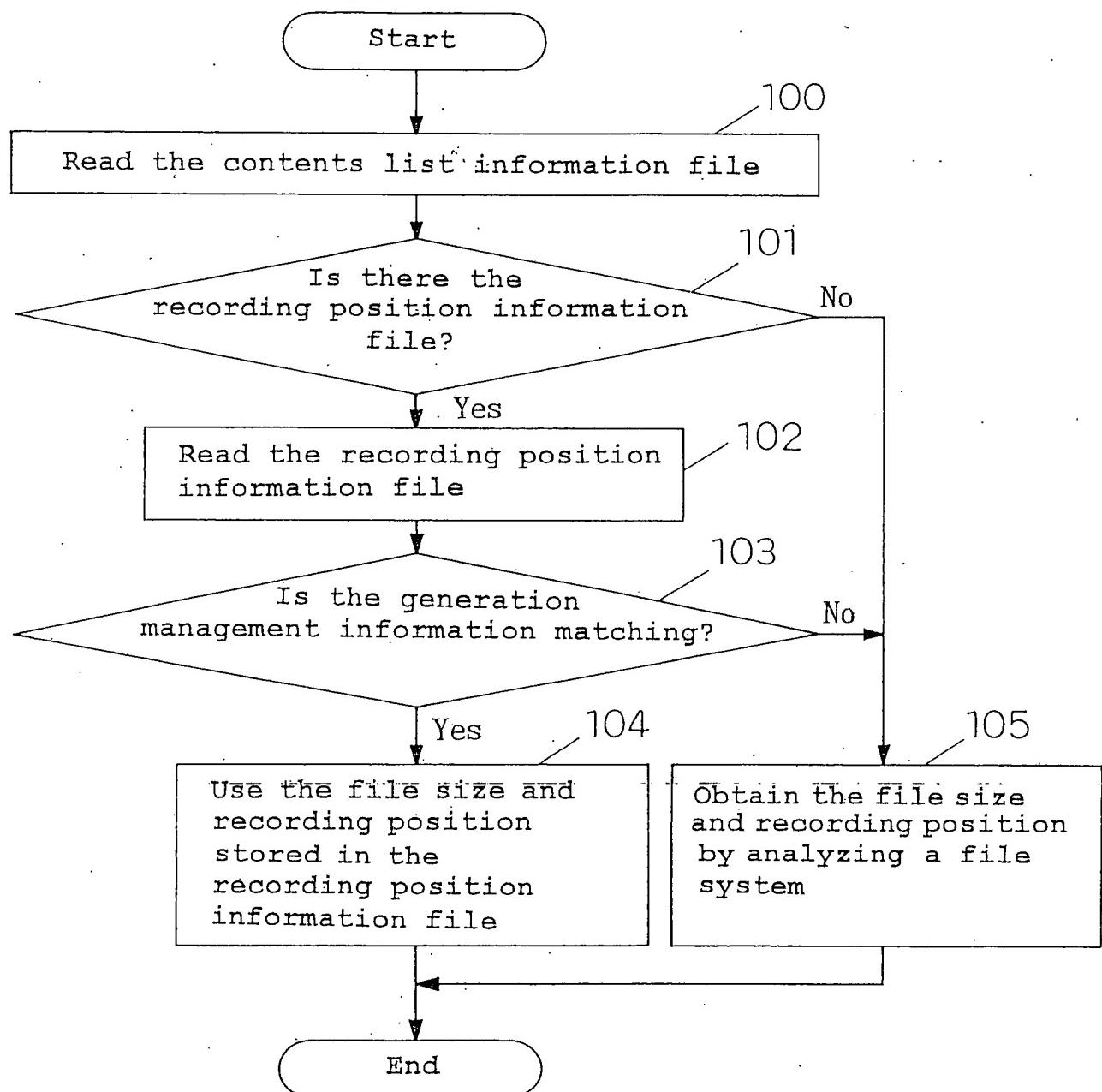


Fig. 9



P30109
Fig. 10

